ANA CONDA
WHERE TIMING AND CONVEYING MEET WITH PRECISION
QUIET
FAST
PRECISE

F.N. Sheppard & Co.®
Belting Specialties
**ANAONDA**

**Anaconda is a patented new product created by F.N. Sheppard® for high-speed conveying applications where precision tracking is essential. Anaconda is both a synchronous belt and a conveyor belt in one!**

The unibody construction consists of an extruded urethane flat section and a offset helical drive section both reinforced with high strength Kevlar™ reinforcement. This homogeneous design not only provides precise low-noise indexing and accurate belt tracking, it also offers low-friction high-strength “wings” on either side of the drive teeth that glide smooth across your conveyor path using low energy.

**WIDTH OPTIONS:**

<table>
<thead>
<tr>
<th>TRACK WIDTH (mm)</th>
<th>MAX BELT WIDTH (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>210</td>
</tr>
<tr>
<td>50</td>
<td>535</td>
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</tbody>
</table>

**INDUSTRIES:**

- Paper
- Packaging
- Material Handling

**QUIET RUNNING:**

8mm offset helical pitch with gray poymide fabric on tooth side offers wear resistance and low noise.
**PULLEY DESIGN: DRIVE & DRIVEN PULLEYS**

**QUIET RUNNING**

**TRUE SELF TRACKING**

**PRECISION INDEXING**

**LOW INSTALLED TENSION**

**NO SLIPPAGE ON DRIVE PULLEY**

**LOW FRICTION ON WINGS**

**SPECIFICATIONS:**

- **Belt Body:** Thermoplastic Urethane - non FDA
- **Durometer:** 85 shore A
- **Cord Reinforcement:** Kevlar™
- **Belt Drive Side - helical offset teeth:** Gray polyamide fabric
- **Belt Drive Side - Wings - flat sections:** Gray polyester fabric
- **Minimum Drive Pulley Diameter:** 60mm toothed
- **Minimum Driven Pulley Diameter:** 60mm - can be smooth, but deep groove (see sketch)
- **Max Operating Speed:** 2000 fpm

**COEFFICIENT OF FRICTION:**

- Anaconda wings against Steel: 0.119
- Anaconda wings against UHMW: 0.130

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**QUIET - FAST - PRECISE**

F.N. Sheppard & Co.

Beltling Specialties
**COVERS:**

**SILICONE**
Non stick low or high COF. Multiple colors available. FDA Compliant compounds available as well as non-marking.

**HIGH GRIP**
High COF natural latex rubber with excellent abrasion resistance. Also shock and tear resistant.

**RELEASE**
Release surface with high COF to prevent adhesive, labels, tape, etc. from sticking to the belt surface.

**DELICATE HANDLING**
Soft, compressible, flexible surface for delicate or soft products. Mixed cell structure.

**STANDARD GRIP**
55A durometer PVC Blend for good COF and good abrasion resistance.

**CUSHIONING**
Firm, compressible flexible surface for cushioning or impact.

**MEDIUM GRIP**
40A durometer PVC Blend with High COF for excellent grip on difficult products to convey.

**CUSTOM MATERIALS**
Many options available for special handling, temperature resistance, chemical resistance, non-marking, texture, etc.

**LOW GRIP**
A low COF coating for accumulation and transverse loading where the product needs to slide on the belt surface.

**SILICONE**
Resistance to low & high temperatures, -40°F to 300°F. Soft & resilient with good elasticity.

**SILICONE**
55A durometer PVC Blend for good COF and good abrasion resistance.
COVER & BELT MODIFICATIONS:

HOLE SHAPE OPTIONS:

Various vacuum hole patterns provide positive holding power for light products such as paper, plastic film and non-woven fabrics.

STAGGERED HOLE:

Hole size and pattern can be modified to meet the application demands. F.N. Sheppard has sophisticated perforating equipment to ensure accuracy and offer various shapes and patterns.

SQUARE HOLE:

Standard patterns are available and holes can be perforated across entire belt with, including the tooth area.

ADVANCED PROCESS:

Contouring with slots, grooves or pockets can be accommodated. These special designs allow for better vacuum control of the product being conveyed.

F.N. Sheppard can machine any belt surface to precise tolerances. We can assist in designing the most effective belt for your application.